

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|--------|--|--|------------------|---------|------------------|
| S139 | 2 | "20040160514" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/02 13:17 |
| S140 | 1 | S139 and (penetrat\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/09/29 17:49 |
| S141 | 120461 | (borehole or ((bore or down or well) adj hole) or wellbore or downhole) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/02 14:08 |
| S142 | 350033 | ((amount or extent or volume or depth or magnitude) near5 (fluid or slurr\$3 or formation or deposit or mud or sediment\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/29 18:16 |
| S143 | 4060 | 382/109.ccls. or 702/6.ccls. or 73/152.01-152.59.ccls. or 166/250.01.ccls. or 175/50.ccls. or 348/85.ccls. | USPAT | OR | OFF | 2006/10/02 14:11 |
| S144 | 1477 | S142 and S143 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/29 18:02 |
| S145 | 12007 | S142 with (penetrat\$4 or resist\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/29 18:16 |
| S146 | 153 | S145 and S143 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/29 18:17 |

EAST Search History

| | | | | | | |
|----------|--------|---|---|----|----|------------------|
| S14 7 | 119 | S146 and (@rlad<"19990930" or @ad<"19990930") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/29 18:17 |
| S14 8 | 1 | "6943697".pn. and (penetrat\$4 with resist\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/29 18:13 |
| S14 9 | 2 | "6164126".pn. and (fluid or property) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/29 18:13 |
| S15 0 | 275450 | ((amount or extent or volume or depth or magnitude) near5 (fluid or slurr\$3 or deposit or mud or sediment\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/29 18:16 |
| S15 1 | 8616 | S150 with (penetrat\$4 or resist\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/29 18:17 |
| S15 2 | 64 | S151 and S143 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/29 18:17 |
| S15 3 | 54 | S152 and (@rlad<"19990930" or @ad<"19990930") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/02 14:08 |
| S15 4 | 1 | "5379216".pn. and (volume with resist\$5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/29 18:28 |

EAST Search History

| | | | | | | |
|----------|--------|--|--|----|-----|------------------|
| S15 5 | 2 | "5379216".pn. and (resist\$5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/29 18:28 |
| S15 6 | 1 | "5379216".pn. and resist\$7 | USPAT | OR | OFF | 2006/10/02 12:45 |
| S15 7 | 1 | "20040160514" and resist\$6 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/02 13:17 |
| S15 8 | 106 | (gravity near3 meter) with density | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/02 14:08 |
| S15 9 | 120515 | (borehole or ((bore or down or well) adj hole) or wellbore or downhole) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/02 14:08 |
| S16 0 | 22 | S158 same S159 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/02 14:08 |
| S16 1 | 14 | S160 and (@rlad<"19990930" or @ad<"19990930") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/02 14:11 |
| S16 2 | 0 | S160 and buoyant | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/02 14:10 |
| S16 3 | 0 | S160 and buoyan\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/02 14:11 |

EAST Search History

| | | | | | | |
|----------|------|--|---|----|-----|------------------|
| S16 4 | 1697 | S159 and buoyan\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/02 14:11 |
| S16 5 | 265 | S159 and (buoyan\$3 with densit\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/02 14:16 |
| S16 6 | 4060 | 382/109.ccls. or 702/6.ccls. or 73/152.01-152.59.ccls. or 166/250.01.ccls. or 175/50.ccls. or 348/85.ccls. | USPAT | OR | OFF | 2006/10/02 14:11 |
| S16 7 | 17 | S165 and S166 | USPAT | OR | OFF | 2006/10/02 14:11 |
| S16 8 | 12 | S167 and (@rlad<"19990930" or @ad<"19990930") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/02 14:25 |
| S16 9 | 17 | S165 and S166 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/02 14:16 |
| S17 0 | 0 | S169 not S167 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/02 14:16 |
| S17 1 | 18 | S166 and (buoyan\$3 with densit\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/02 14:16 |
| S17 2 | 1 | S171 not S169 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/02 14:16 |

EAST Search History

| | | | | | | |
|----------|-------|--|---|----|----|------------------|
| S17 3 | 1 | "6164126".pn. and spring | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/02 14:24 |
| S17 4 | 18006 | spring with (penetrat\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/02 14:25 |
| S17 5 | 139 | S159 same S174 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/02 14:25 |
| S17 6 | 59 | S175 and (@rlad<"19990930" or @ad<"19990930") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/02 14:27 |
| S17 7 | 12 | S166 and S174 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/02 14:27 |
| S17 8 | 12 | S177 and (@rlad<"19990930" or @ad<"19990930") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/02 14:29 |
| S17 9 | 1 | "5230387".pn. and spring | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/02 14:29 |

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|--------|---|---|------------------|---------|------------------|
| L1 | 120509 | (borehole or ((bore or down or well) adj hole) or wellbore or downhole) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/03 11:01 |
| L2 | 99 | L1 same (buoyan\$3 with densit\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/03 11:03 |
| L3 | 89 | 2 and (@rlad<"20040211" or @ad<"20040211") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/03 11:03 |
| L4 | 30 | L1 same (buoyan\$3 with (weight\$4 or mass) with densit\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/03 11:03 |
| L5 | 26 | 4 and (@rlad<"20040211" or @ad<"20040211") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/03 11:03 |